

Figure 2

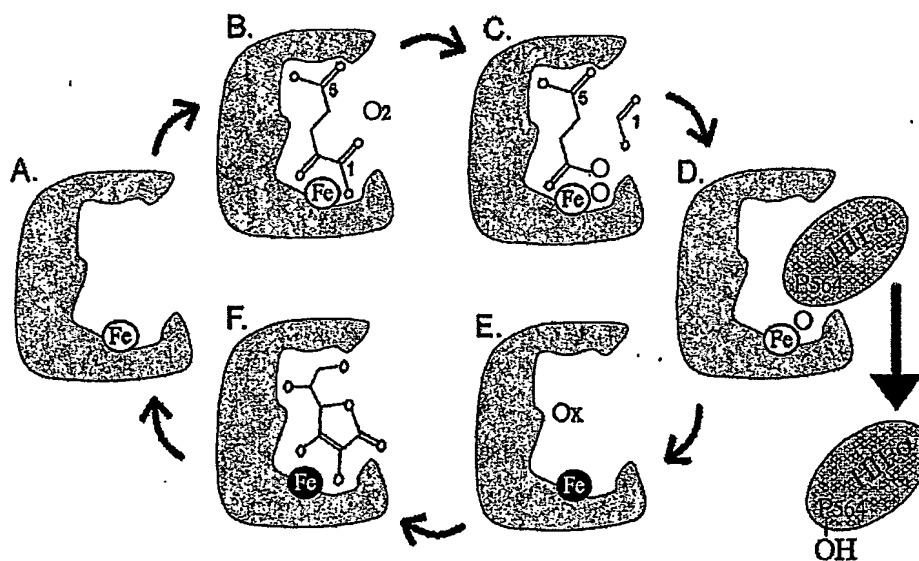
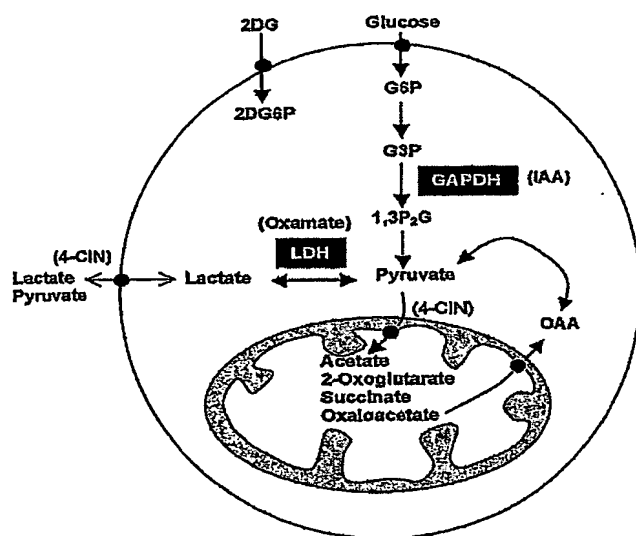


Figure 3

A. Abbreviated diagram of oxygen-independent glucose metabolism and relevant inhibitors.



B. Structural comparisons of key glucose metabolites.

	2-OG	Succ	OAA	Pyr
1	COOH	COOH	COOH	COOH
2	C=O	CH ₂	C=O	C=O
3	CH ₂	CH ₂	CH ₂	CH ₃
4	CH ₂	COOH	COOH	
5	COOH			

Figure 4

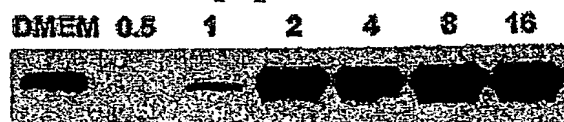
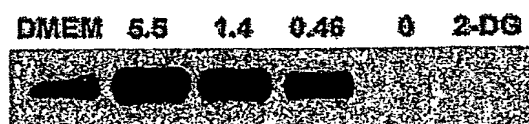
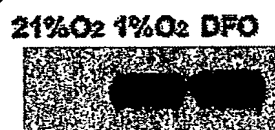
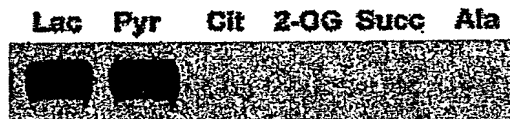
A. Time after changing medium with krebs (h)**B. [Glucose] in Krebs (mM)****C. 0mM Glc****D. 5.5mM Glc****E. 0mM Glc**

Figure 5

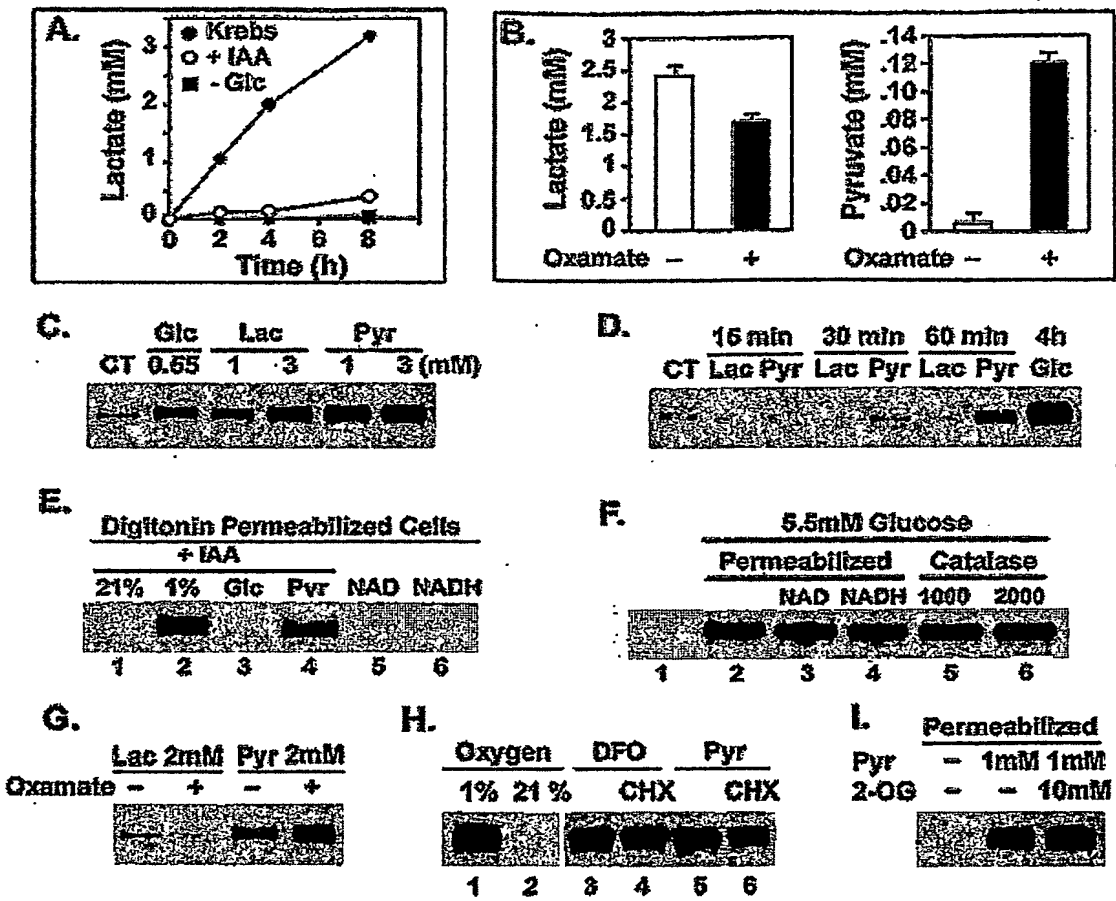


Figure 6

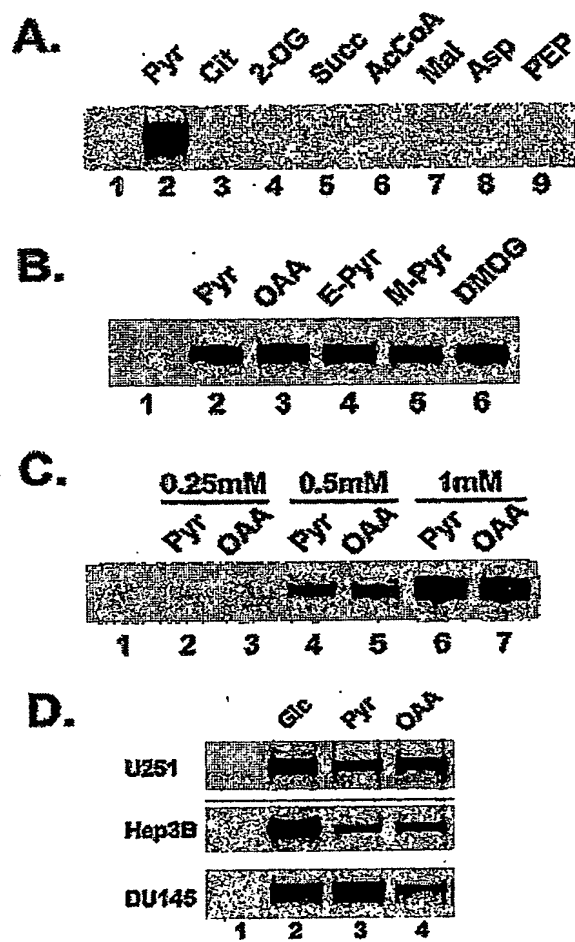


Figure 7

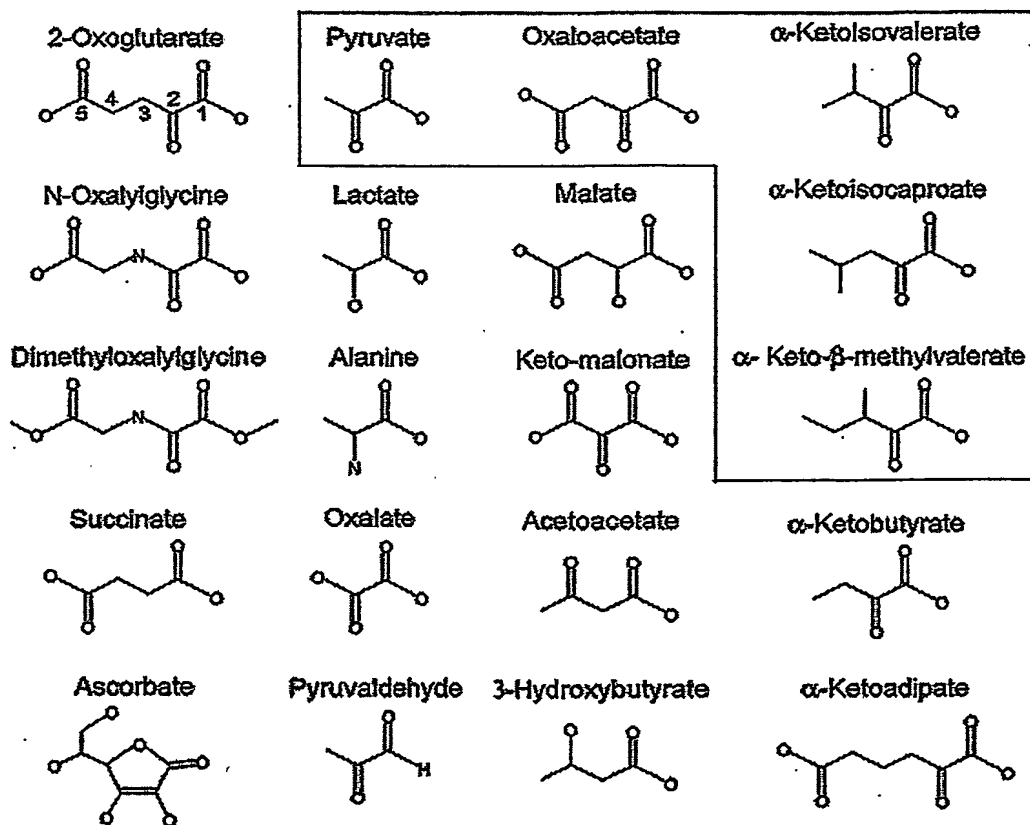
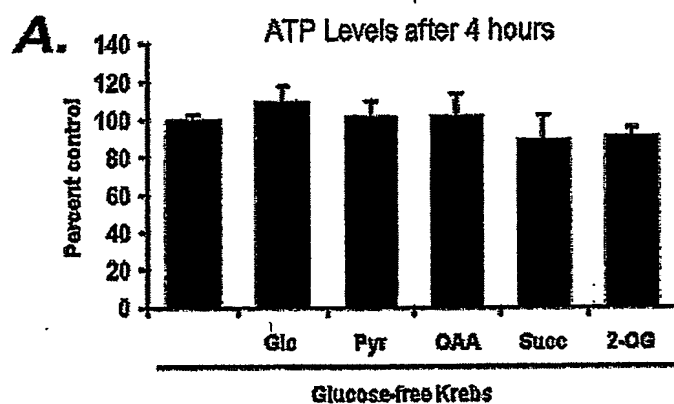


Figure 8



B. *Digitonin permeabilized cells*

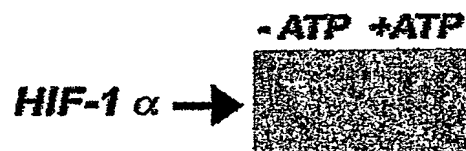


Figure 9

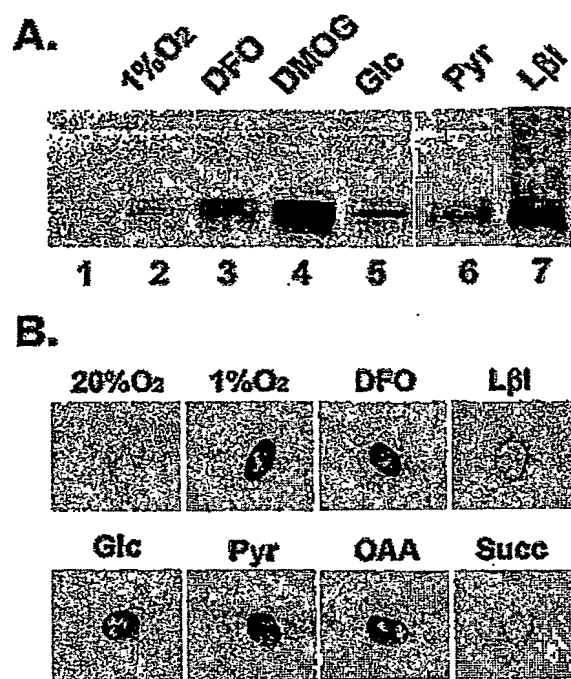


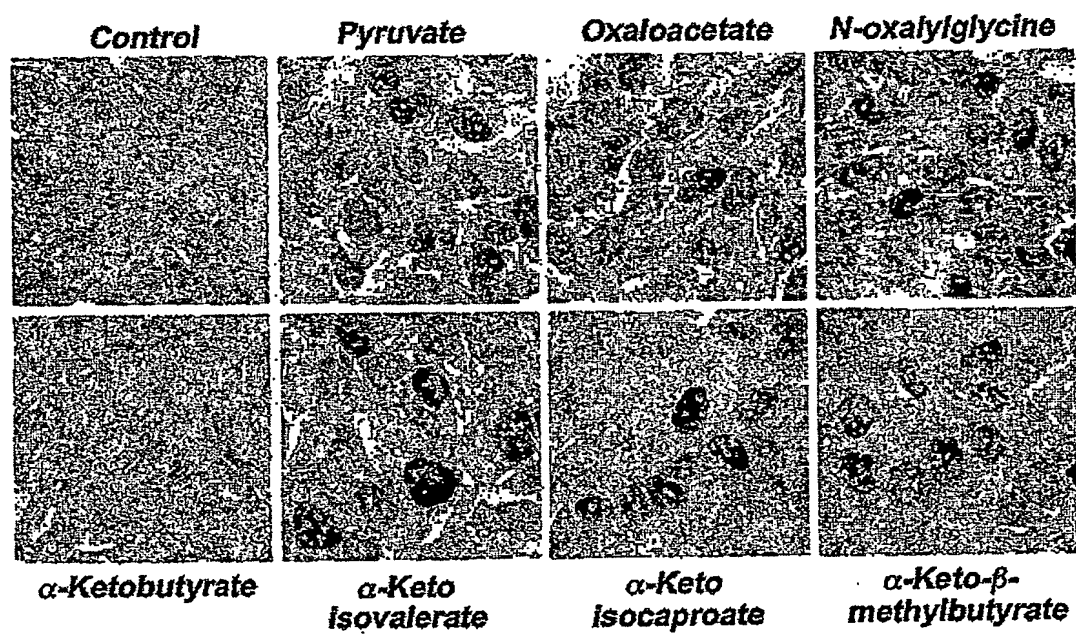
Figure 10

Figure 11

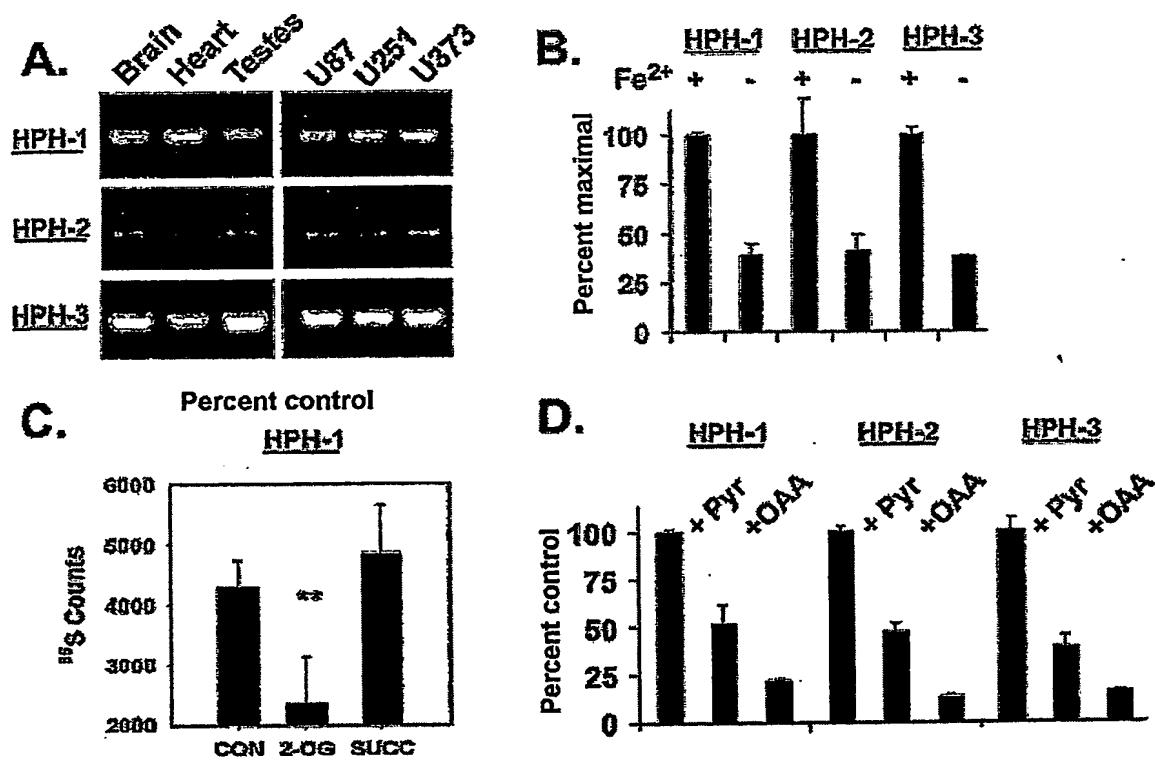


Figure 12

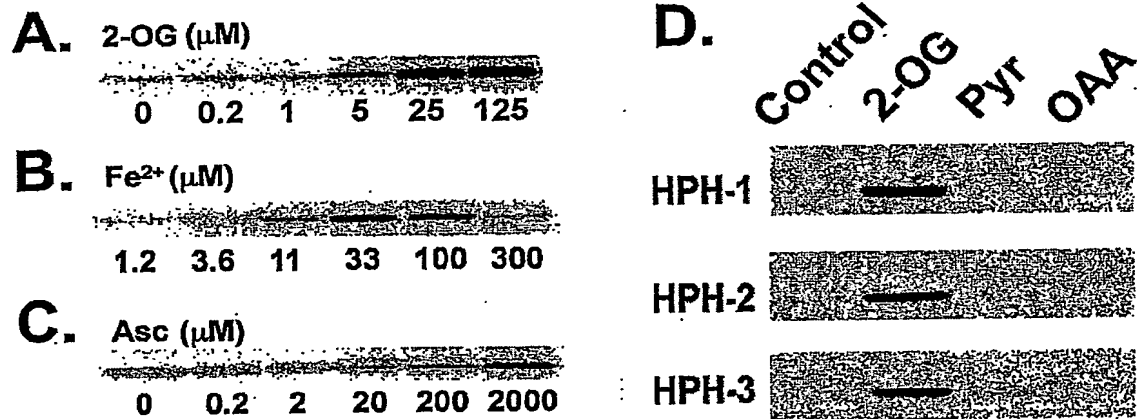


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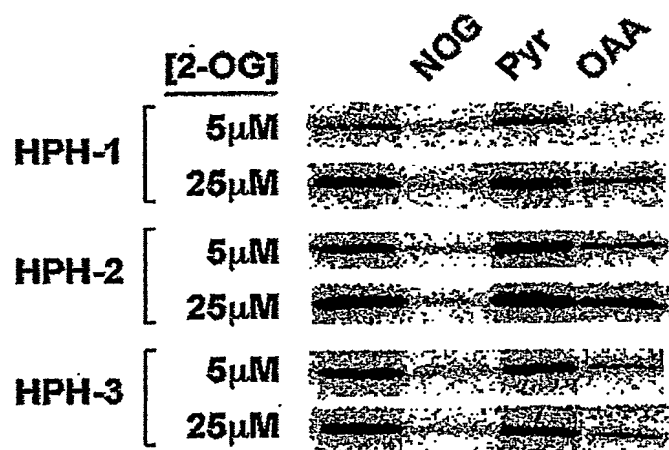


Figure 14

HPH-1												
					+ 1 mM OAA					+ 1 mM PYR		
Ascorbate	4	20	100	500	4	20	100	500	4	20	100	500
HPH-2												
					+ 1 mM OAA					+ 1 mM PYR		
Ascorbate	4	20	100	500	4	20	100	500	4	20	100	500
HPH-3												
					+ 1 mM OAA					+ 1 mM PYR		
Ascorbate	8	40	200	1000	8	40	200	1000	8	40	200	1000

Figure 15

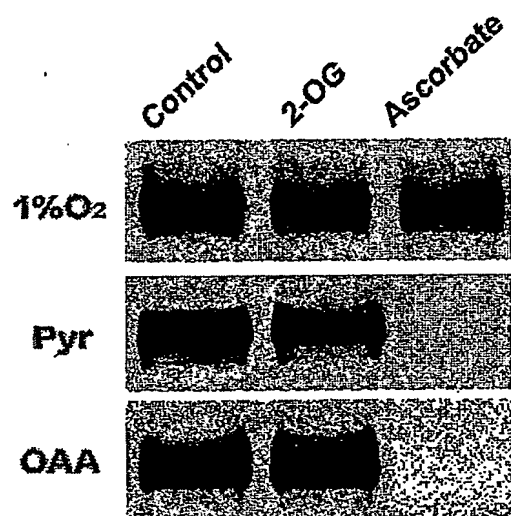
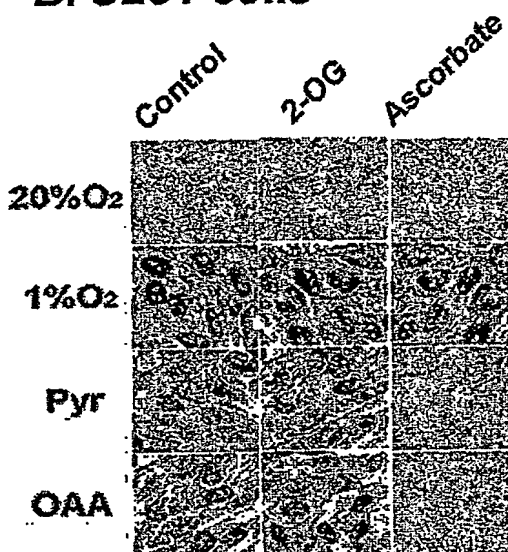
A. U87 cells**B. U251 cells**

Figure 16

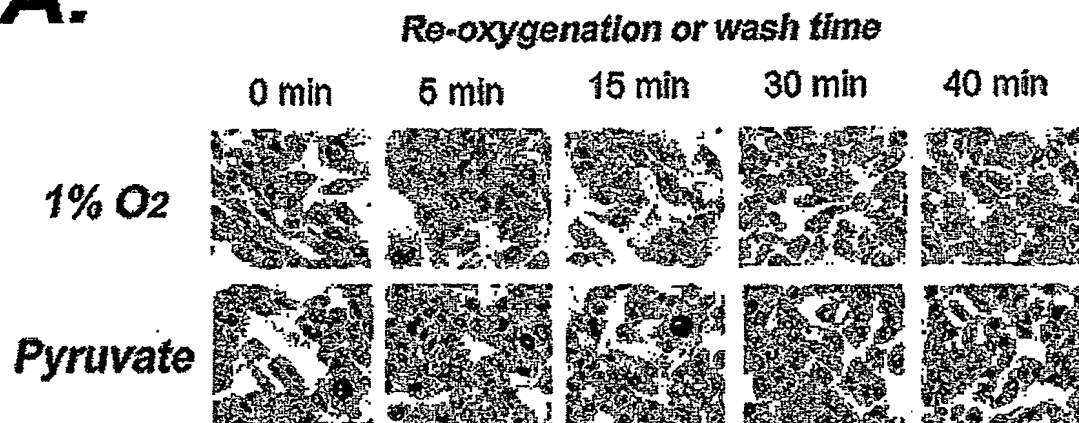
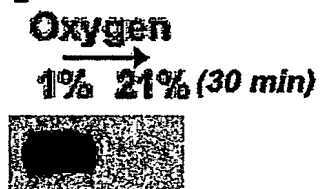
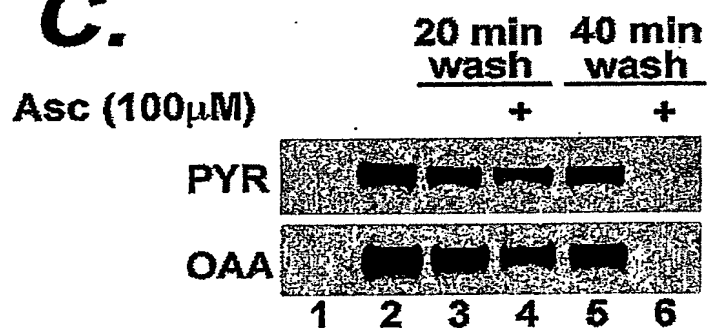
A.**B.****C.**

Figure 17

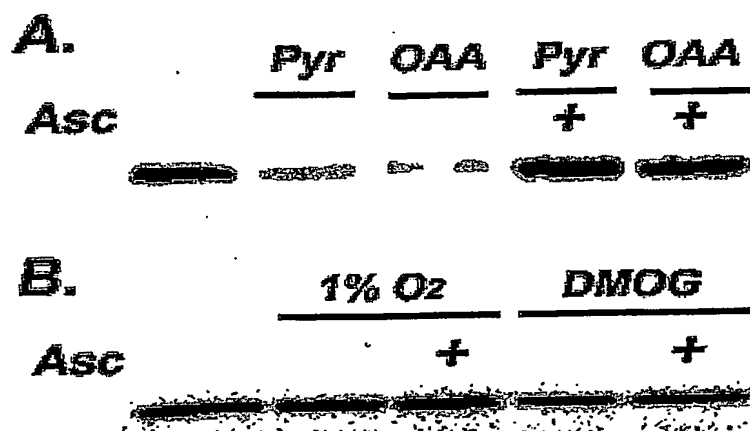


Figure 18

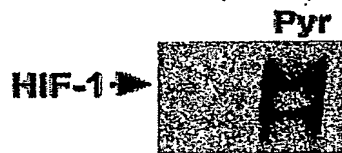
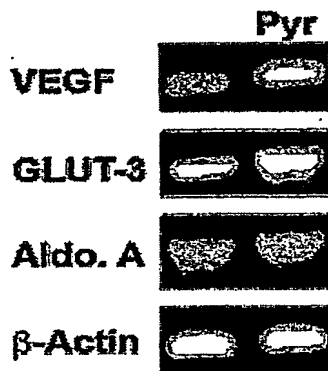
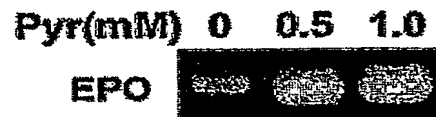
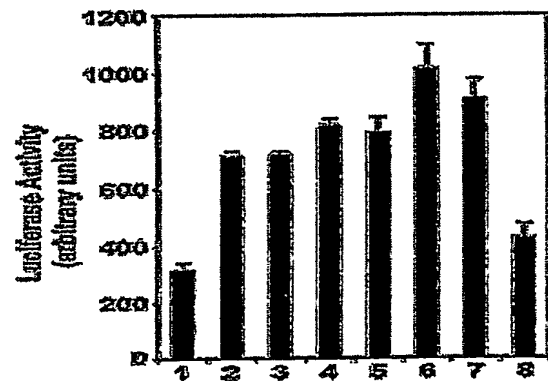
A. FIH-1 expression**B. HIF-1 Gelshift (U87)****C. RT-PCR (U87)****D. RT-PCR (Hep3B)****E. HRE-GFP Expression****F. HRE-Luciferase expression**

Figure 19

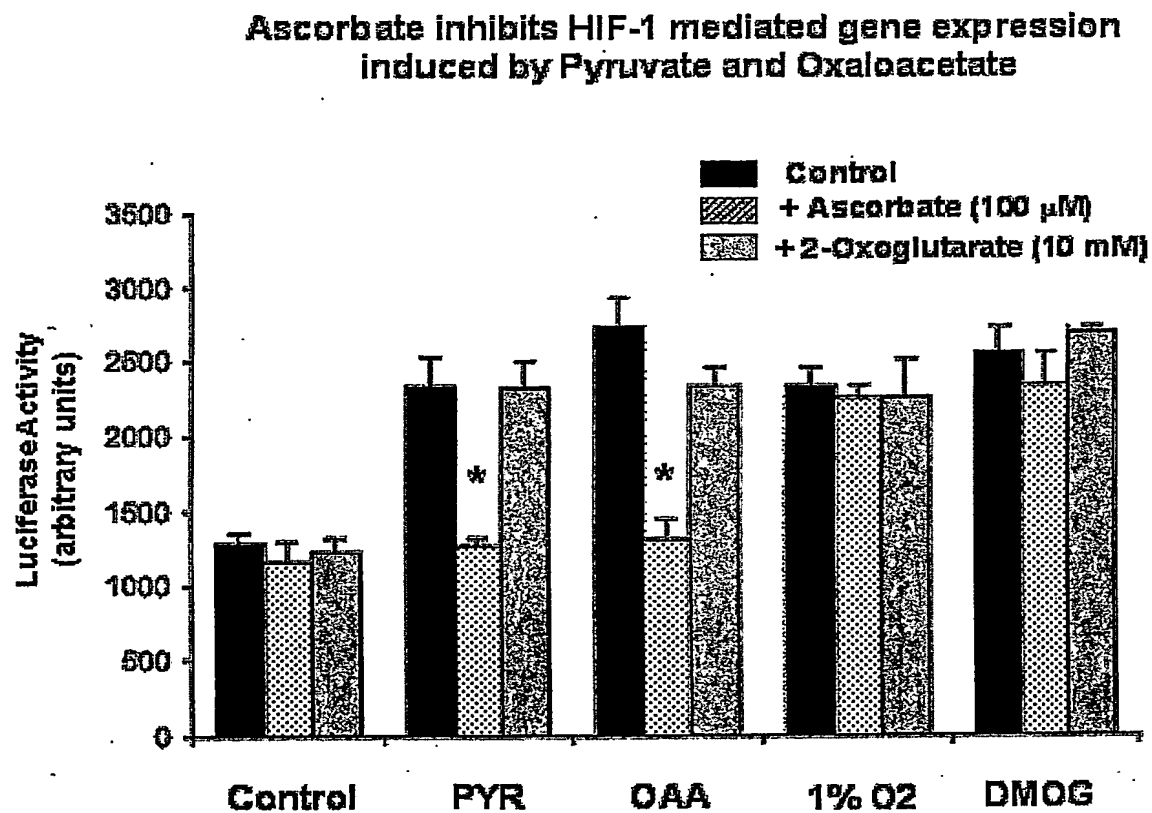


Figure 20

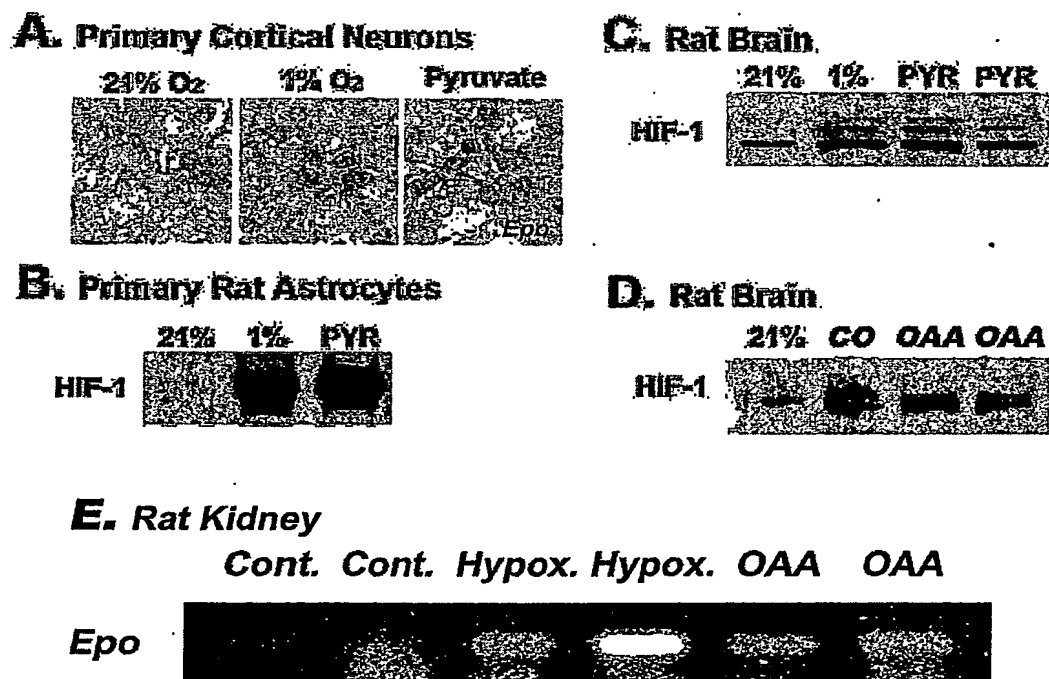
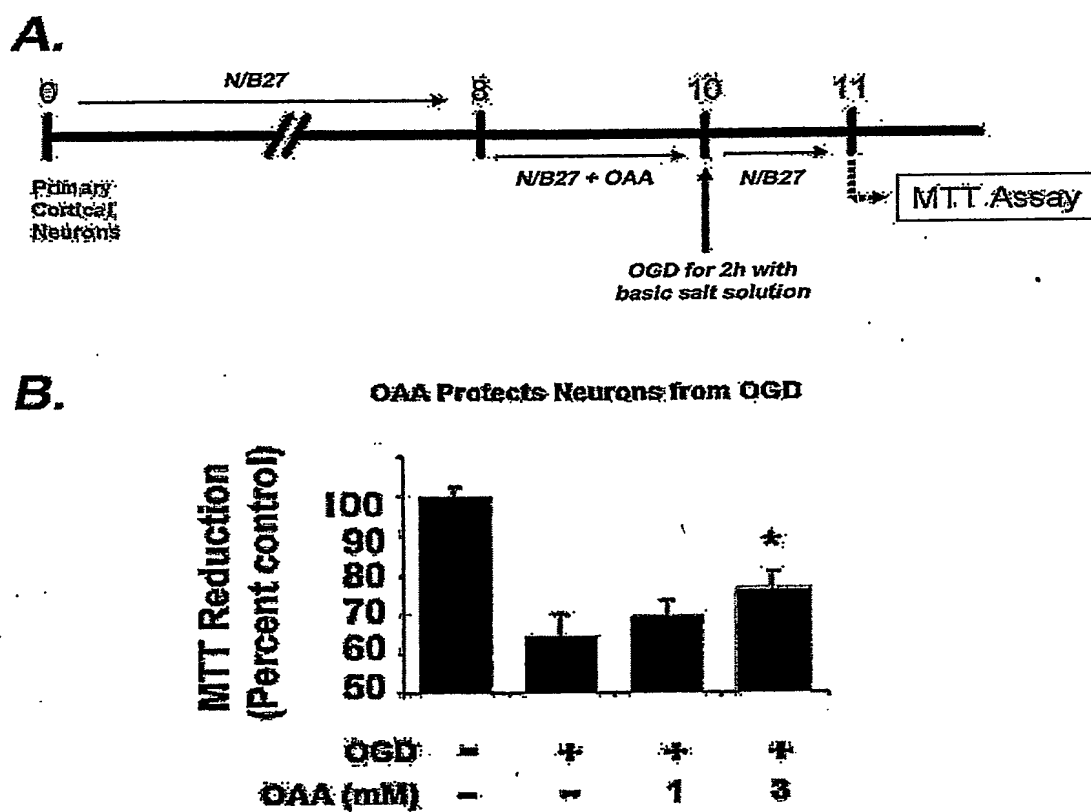


Figure 21



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